

# MG MIOFOL®

## 200A1

Miofol® 200A1 is a unique composite membrane consisting of woven fiberglass with an aluminium facing developed with Photoncheck-A1 from Thermic Technology. The vapour barrier membrane improves the thermal resistance of the construction and, with fire class A1, is as non-combustible as a brick. The woven structure gives the membrane an extremely high tensile and tear resistance so that that the membrane is not damaged in the construction process.

### Application

Miofol® 200A1 is used in floor, roof and wall constructions on the warm side of insulation. The vapour barrier aluminium layer provides complete closure of unwanted air leakage and provides protection against vapour pressure from the insulated space. Miofol® 200A1 is a reflection membrane due to the low emissivity of the aluminium surface. Low emissivity results in high reflection of infrared thermal radiation. When the membrane is used in combination with a 20 mm air cavity, the insulation value can be increased to 0.78 m<sup>2</sup> K/W.

### Benefits

- ✓ Non-combustible (fire class A1)
- ✓ Fully vapour-proof
- ✓ Increases the insulation value (up to 0.78 m<sup>2</sup> K/W)
- ✓ UV, heat and corrosion resistant
- ✓ Reduces unwanted air leakage
- ✓ Extreme tensile and tear resistance

Description	Width	Length	Article no.	EAN code	Quantity	Weight
Miofol® 200A1	1,35 m	50 m	6720013500	8714672000733	15 roll / pallet	14 kg



Wall



Roof



Floor



Vapour barrier



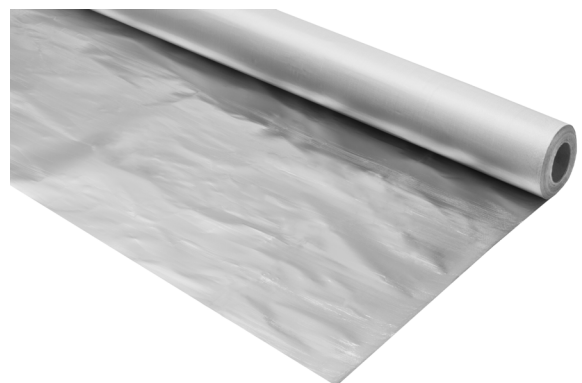
Fire class A



One-sided reflection

### Specifications

Open construction phase <b>3 months</b>	Temperature resistance <b>-40 °C / 80 °C</b>
Weight <b>200 gr / m<sup>2</sup></b>	Water vapour resistance <b>Sd &gt; 800 m</b>
Tear resistance initial (length) <b>208 N</b>	Water tightness <b>W1</b>
Tear resistance initial (cross) <b>302 N</b>	Fire class <b>A1</b>
Tensile strength initially (length) <b>2865 N / 50 mm</b>	R-Value <b>0,78 m<sup>2</sup> K/W</b>
Tensile strength initially (cross) <b>2195 N / 50 mm</b>	Emissivity <b>0,05</b>



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### Installation

Miofol® 200A1 is attached to the warm side of the insulation. The membrane can be fixed with either VASTR® Seal Pro or staples. Process the aluminium side toward you and handle overlaps of 5 to 10cm. Seal overlaps airtight by applying VASTR® Seal Pro, VASTR® Double-Sided tape or VASTR® Butyl tape between overlapping layers. Apply a batten over the membrane that provides the 20mm air cavity. To ensure the secure closure of the attachment points on the batten VASTR® Butyl tape should be applied between the batten and membrane. Seal any staples or perforations with VASTR® Aluminium tape. Penetrations can be sealed air and watertight with Tyvek® FlexWrap tape.



### Related products

**Tyvek®**

FlexWrap tape

**MG VASTR®**

Seal Pro

**MG VASTR®**

Double-sided tape

**MG VASTR®**

Butyl tape

**MG VASTR®**

Aluminium tape



### Description

Tyvek® FlexWrap tape

VASTR® Seal Pro

VASTR® Double-sided tape

VASTR® Butyl tape

VASTR® Aluminium tape

### Width

60 mm

10 mm

25 mm

30 mm

75 mm

### Length

10 m

12 m

50 m

20 m

25 m

### Article no.

8106001000

8101001200

8102505000

8103002000

8107502502

### EAN code

5450208029771

8714672999945

8714672003604

8714672005233

8714672002638

### Quantity

3 roll / box

10 roll / box

36 roll / box

8 roll / box

16 roll / box



### Membrane guide

Do you need advice on which membrane to use for your project? Find the most suitable product in just one minute with our membrane guide. Scan the QR code with the camera of your smartphone and find out which product you need.

*All our products are intended exclusively as building or construction materials. Therefore, the user of our products is expected to be familiar with the basic principles of building physics, the regionally applicable building standards and the official national building regulations. Meuwissen Gerritsen B.V. and/or our employees are not liable for any damage resulting from (careless or incorrect) use of our products.*



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